

Indiana Department Of Homeland Security	Operation Level Training Program	Structure Collapse Module	Master Checklist KSA's
Student Name:			

This is intended as a comprehensive psychomotor skills checklist and is to be used to document student skills .

Directions: A master checklist must be completed for each student.

As the listed skills are completed, the evaluators shall document such practice opportunities up to two (2) times. Student must be afforded an opportunity to practice those skills prior to the skills evaluation. Performance of skills is dependent on the "usual and customary" practice of the jurisdiction(s) having authority. Only those skills actually completed shall be recorded as having been completed. Instructors must record both the date(s) that the skill was completed and their respective initials. When the skill is performed satisfactorily, the "Sat." column should be checked. However, if the skill is NOT performed satisfactorily, then the "Unsat." column should be checked

Part 1: Psychomotor Structural Collapse Rescue Skills Practice Checklist

Skills Practiced	NFPA Standard	Date	Initials	Sat.	Unsat.	Date	Initials	Sat.	Unsat.
00:00 General Requirements									
00:01 Personnel operating at the operations level shall meet all awareness level requirements regarding Rope, Confined Space, Vehicle / Machinery, and Trench / Excavation as specified in NFPA 1670, 2004 Edition.	5.3.1								
00:02 Personnel operating at the operation level shall meet operation level requirements regarding rope, confined space, vehicle/machinery, and trench / excavation as specified in NFPA 1670, 2004 Edition.	5.3.1								
00:03 Personnel operating at the operations level shall meet awareness and operations level requirements regarding Hazards Material as specified in NFPA 472,2004 Edition <i>Standard for Professional Competence of Respondersto Hazards Material Incidents.</i>	5.3.1								
00:04 Personnel operating at the operation level shall work safely and effectively at structural collapse incidents involving light-frame ordinary, reinforced masonry and un-reinforced masonry construction.	5.3.3								

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Skills Practiced	NFPA Standard	Date	Initials	Sat.	Unsat.	Date	Initials	Sat.	Unsat.
01:00 Hazard Recognition									
01:01 Perform hazard recognition of structural collapse incidents involving the collapse or failure of light-frame ordinary, reinforced masonry, and un. reinforced masonry construction consideration of the following:	5.3.2								
01:02 Size-up of existing and potential conditions	5.3.3 (1)								
01:03 Identification of the resources necessary to conduct safe and effective structural collapse search and rescue operations.	5.3.3 (3)								
01:04 Implement procedures for carrying out site control and scene management.	5.3.3(1)								
01:05 Recognition of unique hazards associated with structural collapse.	5.3.3 (2)								
02:00 Established tool / equipment area									
02:01 Identify tools needed to perform rescue operations in light-frame ordinary, reinforced masonry, and un. reinforced masonry construction.	5.3.3 (4)								
02:02 Assembled equipment used for breaching, cutting, boring, lifting, and stabilize	5.3.3 (4)								
02:03 Tested / inspected equipment prior to being used	5.3.3 (4)								
02:04 Inventory and documentation of all tools.	5.3.3 (4)								
02:05 Demonstrate the proper use of rotary hammer.	5.3.3 (4)								
02:06 Demonstrate the proper use of rotary saw.	5.3.3 (4)								
02:07 Demonstrate the proper use of breakers.	5.3.3 (4)								
02:08 Demonstrate the proper use of core drill.	5.3.3 (4)								
02:09 Demonstrate the proper use of reciprocating saw.	5.3.3 (4)								
02:10 Demonstrate the proper use of Rebar cutters, manual and hydraulic.	5.3.3 (4)								
02:11 Demonstrate the proper use of chain saw.	5.3.3 (4)								
03:00 Search Operations									
03:01 Identify tools needed to perform search operations in light-frame ordinary, reinforced masonry, and un-reinforced masonry construction.	5.3.3 (3)								
03:02 Implement a strategic and tactical plan for use of technical and non-technical search methods.	5.3.3 (3)								
03:03 As a member of search team, perform technical / non. technical search tactics.	5.3.3 (3)								
03:04 As a member of search team, performed support / equipment member assignment.	5.3.3 (3)								
04:00 Lifting, Rigging, Moving Operations									
04:01 Demonstrate the ability to accurately calculate load weights.	5.3.3 (4)								
04:02 Demonstrate the ability to raise and lower a load by the following methods.	5.3.3 (4)								
04:0201 Pry Bars	5.3.3 (4)								
04:0202 Jacks	5.3.3 (4)								
04:0203 Air Bags	5.3.3 (4)								
04:03 Demonstrate the ability to move a load:	5.3.3 (4)								
04:0301 Inclined Plane	5.3.3 (4)								
04:0302 Levers	5.3.3 (4)								
04:03021 Demonstrate Class I lever.	5.3.3 (4)								
04:03022 Demonstrate Class II lever.	5.3.3 (4)								
04:03023 Demonstrate Class III lever.	5.3.3 (4)								
04:0603 Pulleys	5.3.3 (4)								
04:07 Demonstrate the ability to stabilize the load while raising, moving, and lowering.	5.3.3 (4)								
04:08 Demonstrate the proper technique for select debris removal with the use of hand tools.	5.3.3 (4)								

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05:00 Breaching, Breaking, & Cutting Operations.									
05:01 Demonstrate relief cuts.	5.3.3 (4)								
05:02 Demonstrate a bevel cut for a "lift out."	5.3.3 (4)								
05:03 Demonstrate a step cut.	5.3.3 (4)								
05:04 Demonstrate a stitch cut breach.	5.3.3 (4)								
05:05 Demonstrate a dirty breach.	5.3.3 (4)								
05:06 Demonstrate a clean breach.	5.3.3 (4)								
06:00 Extrication Operations	5.3.3 (4)								
06:01 Packed or assisted with packing a victim in a simulated confined area.	5.3.3 (5)								
06:02 Remove victim from elevated or below grade areas.	5.3.3 (5)								
06:03 Provide initial medical treatment and provides pertinent information concerning victim to EMS according to AHJ protocols.	5.3.3 (4)								
07:00 Shoring operation (assembly /cutting)									
07:01 Executed role of area preparation member of shore assembly team.	5.3.3 (4)								
07:02 Executed role of layout member of cutting team.	5.3.3 (4)								
07:03 Executed role of cutting member of cutting team.	5.3.3 (4)								
07:04 Executed role of equipment member of cutting team.	5.3.3 (4)								
07:05 Determine insertion point	5.3.3 (4)								
07:06 Determine Raker Shore angle & length (45 degree)	5.3.3 (4)								
07:07 Determine Raker Shore angle & length (60 degree)	5.3.3 (4)								
07:08 Demonstrate cutting field wedges.	5.3.3 (4)								
07:09 Demonstrate cutting Gusset Plates.	5.3.3 (4)								
07:10 Demonstrate proper nailing patters.	5.3.3 (4)								
07:11 As a member of a Shoring team constructed the following:	5.3.3 (4)								
07:12 Raker Shore Solid Sole.	5.3.3 (4)								
07:13 Raker Shore Split Sole.	5.3.3 (4)								
07:14 Construct Anchor System	5.3.3 (4)								
07:15 Construct Diagonal Bracing									
07:16 Construct Flying Raker Shore.	5.3.3 (4)								
07:17 Construct Double Raker Shore.	5.3.3 (4)								
07:18 Construct "T" Shore.									
07:19 Construct Window Shore.	5.3.3 (4)								
07:20 Construct Door Shore.	5.3.3 (4)								
07: 21 Construct Vertical Shore.	5.3.3 (4)								
07:22 Construct Horizontal Shore.	5.3.3 (4)								
07:23 Construct Lace Post Shore.	5.3.3 (4)								
07:24 Construct Slope Floor Shore on hard surface.	5.3.3 (4)								
07:25 Construct Sloped Floor Shore on earth surface.	5.3.3 (4)								
07:26 Demonstrate the proper technique for Pneumatic Shores.	5.3.3 (4)								
07:27 Demonstrate the proper technique for Screw Jacks.	5.3.3 (4)								
07:28 Demonstrate the proper technique for Box Cribbing.	5.3.3 (4)								
07:29 Demonstrate the proper technique for Box Cribbing on sloped floor.	5.3.3 (4)								

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Student Name:

Instructor Final Comments: (If there are no additional comments for this section, the instructor should write "NA" in this space)

Instructor's Signature:

Date:

Student Comments: (The student is encouraged to respond to the contents of this checklist. If the student does not wish to make any comments, then "NA" should be written in this space by the student.)

Student's Signature:

Date:

Student's Acknowledgment:

I acknowledge that this document has been reviewed by me. I also certify that I was provided with an opportunity to practice the skills listed above and marked as having been practiced by me and acknowledge those skills marked as unsatisfactory and understand the recommendations related to those unsatisfactory skills.

I also understand that this document may become a part of my training records retained by my respective affiliated jurisdiction and may be retained and reviewed by the sponsoring agency.

Student's Signature: _____ Date: _____

Affiliated Agency: